

THIS MONTH  
WE SALUTE  
ED ROWLEY  
WA4DYS AND  
WWPB OF  
MIAMI. SEE  
PAGE 9, COL. 4.

# FLORIDA SKIP

VOL. 10 NO. 3

The All Florida Radio Amateur's Publication

AUGUST 1966

Price 20¢

## DADE AMATEURS' WEEK PROCLAIMED!

AUGUST 13TH THRU 21ST

Mayor Chuck Hall and the Board of County Commissioners have proclaimed that the week of August 13 to 21 be dedicated to the Amateurs of the county.

In the official proclamation appreciation is shown to the amateurs for their devotion to Amateur radio and to their capabilities concerning the community at large. Thanks is given to those Amateurs that stand constant vigil on the rigs in times of emergencies. For the many endless hours spent passing traffic, be it formal or informal, net controlled or phone patch, to these and all the others. The Amateur that ragchews and tells the other fellow about the county that he lives in is in his way in earning the thanks of the Metropolitan Government.

All the Amateurs combined, whichever their desires of operation, each has contributed their part in getting this fine gesture of thanks.

The official ceremony held in the Mayors office at the County Courthouse saw K4KRN, M.C. Smith an WA4NHT, Mel Page accepting the proclamation on behalf of the amateurs of Dade County Smitty and Mel of North Miami Amateur Radio Club were the arrangers and did the leg work for the creation of the QSO party commemorating this event.

A QSO party will commence at 0001 E.S.T. on August 13th and end at 2359 E.S.T. on the 21st. Certificates will be sent



Accepting the Dade County Amateur Radio Week (Aug. 13-21st) Proclamation in Dade County Mayor Chuck Hall's office is M. C. Smith K4KRN (left) and Mel Page WA4NHT. The proclamation was accepted on behalf of all radio amateurs of Dade County. See adjoining story for details.

(Miami-Metro News Bureau Photo)

to all stations participating and qualifying in this event. All W/K stations outside of Dade County will make FIVE contacts with a local station to earn an award. DX stations will need TWO. However on VHF and UHF stations will need only ONE. All modes, any frequency can be used. No restrictions.

Stations desiring a certificate will send ONE QSL card listing the stations in Dade County

that they have worked plus a S.A.S.E. Times, dates etc., of course should be included. DX stations one IRC is needed. Tabulated results from those QSL cards received will be made to determine the most active Amateur for this event. A first prize of a 3 day trip to the Bahamas aboard the S/S Bahama Star is awaiting the winner and his or her guest. This trip is made possible thr-

(Continued on Page 10)

### VHF PICNIC

The ALL FLORIDA V H F PICNIC committee proudly announces that its 10th annual ALL FLORIDA V H F PICNIC will be held September 11, 1966. Predictions are for a record breaker this year.

As in previous years the place is the PEACE RIVER PARK, located on highway 60, two miles east of Bartow, Florida. Starting time is 0900est with main prize drawing at 1330est. This allows lots of travel time!

Since the XYL or YL insists you never take her ouq any more, here is your chance! Pack a lunch and bring all the family! Excellent playground for the youngsters, and a covered picnic area for those who like the shade. Registration fee \$1.00 per family. So bring everyone!

The program includes, prize drawings, hidden transmitter hunt, and the famous VHF PICNIC original JUNK BOX! Don't forget! Bring something associated with Ham Radio at aprox. \$1.00 to participate in the JUNK BOX drawing. Why save parts and pieces for years trying to make a junk box? Come to the VHF PICNIC and win an "INSTANT JUNK BOX". Remember the date, the first Sunday after Labor Day. That's Sept. 11 at Peace River Park See you there. 73,

Lucky, K4EBO  
VHF PICNIC chairman,  
P.O. Box 64  
Bartow, Fla. 33830

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Dear Mabel XYL Award, c/o Skip, Box 501, Miami Springs, Fla.

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## Guest Editorial

### Amateur Radio Is A Service

We have some words strung together in this issue on the subject of Field Day. Field Day is not a service but it is a preparedness exercise for that "maybe never" time when emergency communications is necessary. After all, what can anyone do well without at least a little practice? Assuming that the equipment is working properly and that Field Day exercises have taught us how to quickly get on the air under less-than-ideal conditions, there still remains the need to know how to handle traffic, remain disciplined during the exercise, and be familiar with the network organization. This brings up another amateur service: Message handling.

I got a radiogram today with some kind comments about our little paper... Thank you, Ed. His message wasn't vital... very few of them are if we simply consider the importance of passing the message. But it is important to know how to get a radiogram from California to Iowa or Iowa to Lowest Slobovia, or anywhere else; and if we don't know how, we don't know how to perform one of the amateur services.

People complain about networks, "All they do is report in and say QRU and ask to be excused." That's plenty! Even knowing what QRU means is a step in the right direction. What service does a ham perform if he complains that networks and phone-patchers are hogging the frequencies? Or rather, what service was he prevented from performing by the network or phone-patcher if he only wanted to use the frequency to ragchew. Ragchew is good but it is not a service. If you complain to the FCC about any ham who is "hogging" a frequency to do something that can be defined as a service, they have got to turn a deaf ear or their reasons for continued permission to use our bands are no longer valid; it's as simple as that. I handled CW traffic in WW II as a Navy radio op and it can be an unbelievable ratrace for a new operator who is thrown in that bearpit with a half-dozen stations each howling for precedence to move traffic. Practice doing some of the things which are classified as "service" from time to time, even if you know how, so you can "keep your hand in".

Ray, WAØNEA  
(In the Band Spread)

(See slow speed net announcement elsewhere-A.C.)



## Letters To Editor

Dear Andy:

My, you and Betty really do have your hands full! How in the world can you find time to edit the best Ham paper in the country, set the pace for SEC's all over the country, fight for dear old ARINC, and do your homework too -- I wouldn't know!

It has been a very real pleasure working with you on our League affairs, and I hope our trails will continue to cross in the years ahead.

All best regards to you both.

Sincerely and 73,  
Herbert Hoover, Jr. W6ZH  
Ex-Pres. A.R.R.L.

(EDITOR'S NOTE: And our very best to you sir.)

Vero Beach, Dennis Yantz WA4YFY  
P. O. Box 44, Vero Beach, Fla.  
32960.

W. FLORIDA NEWS, Frank Butler,  
Jr., W4RKH, 404 E. Elliot Rd.,  
Ft. Walton Beach.

West Palm ARC, Roy Carter, -  
WA4SFF, 2320 Fairway Dr., West  
Palm Beach 33401.

I was just reading in my July Skip, and I noticed where you said that you had some Hurricane maps while they last.

I am a member of the Beaches Amateur Radio Club, here in Jacksonville Beach, and I got my Novice Ticket the last day of February, I have made some real nice contacts, and most of them have been with a home brew rig that I made up from the ARRL book, "How to Become A Radio Amateur." I feel certain now that I will carry through with this hobby the rest of my life, as I have not had as much good clean fun in all of my life and I am now 57 years old. So I will say 73's and good luck to you there.

Luther J. R. Brooks WN4CJU  
Jacksonville

As of July 1st I am the president of the Association for six months. I don't suppose it is necessary to say so but I wanted you to know that I agree completely with the joint statement in SKIP concerning Net "C" and the FSBA Emergency Net. I think

(Continued on Page 13)



**New TR-4 DRAKE Sideband Transceiver**



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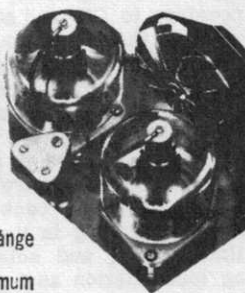
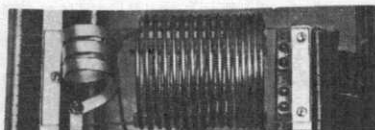
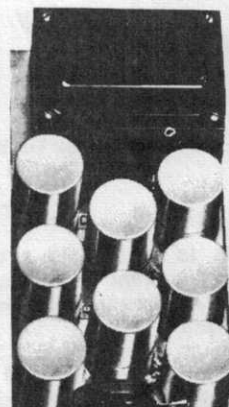
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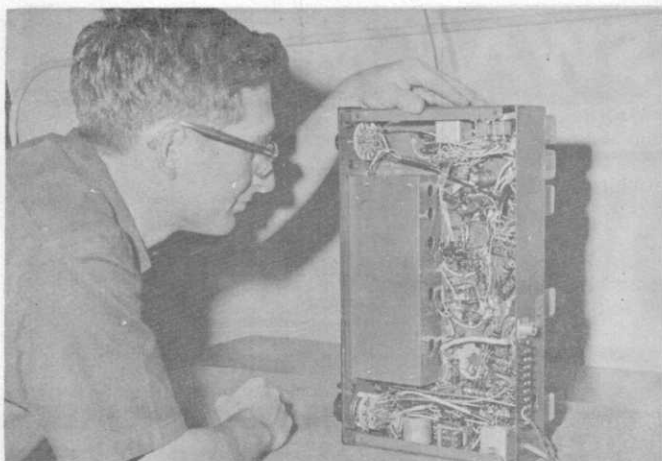
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FLORIDA SKIP, August 1966 3



Author of our famous "HOMEY HOMEBREW" series, Dick Blasco, WA4DHU, looking over his finished project. Dick leaves the Staff of Florida Skip in September to attend the U. of Florida in Gainesville. We understand the HRO-453 and a hot Ranger is going along with him. No doubt W4DFU will have another "hand" to help keep the traffic skeds. Good luck "Dickie Bird" and let's see some more of those 4.0's.

(Skip photo)

## Homey Homebrew

By Dick Blasco, WA4DHU  
Special Assistant to Editor

LAST OF A SERIES

This is the wrapup article, and I just want to give a few alignment hints and notes before "theorizing" again. The procedure is as follows: 1) Tune an accurately calibrated receiver to 850 kHz (or any harmonic of 85 kHz) and couple it loosely to the BFO circuit with a length of hookup wire, turn the receiver to CW and adjust the slot in the BFO can for zero beat; 2) Using a calibrated receiver at any harmonic, adjust the 2nd converter oscillator to 540 kHz in the SB1 position and 370 kHz in SB2. The two adjustments are interacting, so juggle back and forth a bit; 3) Plug in the BC oscillator coils, and select a strong local station as a standard. Tune the receiver so that the HF oscillator is 455 kHz higher in frequency than this station, using the calibrated receiver to check; 4) Place the receiver in the Broad selectivity position, Crystal filter out. The BC station should be audible in the output. If not, roughly peak the RF and IF trimmers so that the signal can be heard, by trial and error. With the receiver in the SB2 position, increase the frequency of the HF oscillator until a 700 to 800 Hz tone can be heard. Peak the 85

kHz transformers for maximum S meter indication, decrease selectivity and peak again, and finally decrease to CW selectivity and carefully adjust for exact resonance. 5) With the crystal filter in the sharp position, adjust the 455 kc transformer for maximum S meter indication; with the filter in the broad position, adjust the loopstick inductor for max. S meter indication. 6) Peak the RF trimmers. 7) Zero beat the signal and switch to SB1, and adjust the 540 kHz trimmer for zero beat, then go back to 370 kHz and zero again, etc., until exact zero beat is obtained in both the SB1 and SB2 positions.

This completes the alignment and the other plug in coils are aligned in the standard fashion. The RF selectivity trimmer should be adjusted for minimum coupling commensurate with good sensitivity and tracking. Of course the S meter should be aligned beforehand, as follows: adjust the Range control so it shorts the meter to begin, then open it slightly and adjust the Zero control for zero meter reading, finally pull out the last IF tube and adjust the Range control for full-scale deflection. Some pulling in the 6BY6 stage may be noticed in

alignment, and some trial and error might have to be used to compensate for it as you go along. My receiver has been recently improved with a crystal oscillator at that point, which eliminates the problem. The balance control on the 73-60 is adjusted for DC voltage balance on the two deflection electrodes.

Overall performance is excellent, and the receiver can be grouped in the HQ-170 class. Stability is excellent, superior to any non-crystal controlled receiver I have seen yet, selectivity is good, and sensitivity is outstanding. The 7360 product detector tunes SSB like a dream, and is probably the best detector circuit I have heard, the AGC is effective, and the receiver can follow my own transmitter with no trouble.

Once again, the purpose of this series was not to have everyone build an HRO-453, but to use this receiver as an introduction to the art of homebrew. More modern receivers can be modernized with less extensive changes, and the best thing to do is to change as little as possible to achieve the results you want. They system proved excellent as a cheap and dirty way to homebrew equipment without elaborate equipment or effort.

The alignment procedure in this article can be adapted to almost any receiver, and a BC station and another calibrated receiver are all you need.

Don't be afraid to swipe individual circuits for your own design, that's how I got them. This receiver makes use of many new and interesting circuits, especially the front-end and product detector. For my money, although debatable for transmitting purposes, the 73-60 tube has really found a home in receiving applications due to its unusual dynamic range. Find another product detector that will handle up to 8 volts of signal without folding! At \$3.77 it's a value for its performance, although the cheaper 6AR8 might have possibilities.

I hope I have shown that there is still lots of life in that old-but-good gear sitting in the attic. With the art of homey homebrew, personalized gear becomes practical for any amateur worth his salt.

That's all folks.

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## Slow Speed CW Net

QFN will hold a third session during the months of September and October on 3651 kc at 003-0Z (7:30 PM EST) Monday, Wednesday and Friday only. This net will be for training purposes only: the NCS will operate at speeds of 10 to 15 wpm, and the procedure will be somewhat less formal than that of regular QFN sessions to permit stations to ask questions regarding net operation, etc.

No ragchewing while net is in session, of course, and while stations will be encouraged to bring one or two pieces of traffic to the net, no priority traffic will be accepted and no dumping of fair traffic and the like will be tolerated.

This session is strictly for training; it affords ECs and others who may be interested in CW traffic work, the NTS, etc., an excellent opportunity to break the ice and develop NTS liaison stations to integrate local AR-PSC organizations into the NTS.

73,  
W4LUV RM E. FLA.

## From Here And There

SKIP is a publication every amateur operator in our state should put at the top of the list for his reading material. W4FZJ, St. Pete... Very satisfied with SKIP. Betty Darsch K4-RXD, Winter Haven... Some day I may have a good photo for SKIP. Bill K4BL, Sarasota... Enjoy the "SKIP" very much, very glad to renew. Ralph K2WH/W2WH, Ft. Lauderdale... Electronics publications are profuse. Might I suggest you reprint an article of major importance from one of the lesser known magazines every month? Dr. Coonin W4KLU, Miami... SKIP publication very FB and continues to improve with each issue. Herb Spitz W4UOE, West Hollywood... High quality publication, yet improving steadily! Bob Grove. W4PYQ, Sarasota...

(Our sincere thanks to all above for their comments and suggestions. Your "flowers" is our only pay. We will do our best to bring you a better SKIP each month. AC-Editor.)



# The Florida Side-Banders Assn.



By Jesse H. Morris, W4MVB

Well here it is the Fourth of July again. It seems like only a short time ago that I started writing this column for SKIP. Now it is time to turn this task over to someone else and the time has seemed to pass very fast.

The month of June brought two former members back into the fold. On June 5th Mr. Nelson E. (Sandy) Donaghue, WA-4ABY, was re-certified as member number 240 and on June 12th Mr. Ray Hadaway, W4YPL, was re-certified as member number 239.

June 12th was a very important day to the Association. This was the day the Association chose to elect officers for the next six months. W4OGX gave the slate of the nominating committee as follows: President-W4MVB, 1st-Vice President-W4FP, 2nd Vice President-K4QAY, Secretary-WA4NEV, Treasurer-W4JQ, and Emergency Net Manager-W4OVE. After nominations were opened from the floor the slate was elected unanimously.

W4IRA and all his officers are to be congratulated on a fine job. They served honorably and efficiently. Herb will be presented with a suitable plaque and the rest of the officers will be given appropriate letters of appreciation for their service.

After the Association adjourned from its session on June 12th the FAST Net met to elect a new net manager. Mr. V. W. Krysiak, W4FCP, of Sebring was elected as new net manager. Kris takes over from Bill, W4OGX, on July 1st. Bill has served long and well also and we commend him for a fine job.

This writer is very pleased, proud, and a little scared by the prospect of being President of the Association. It is a position which has had very outstanding amateurs since the beginning of the Association. We have had outstanding leadership from these men and I hope that I can continue in that tradition. I will need help from the members to succeed. I am fortunate in having a fine slate of officers to assist me. As First Vice-President we have Mr. Tom Chisholm, W4FP, of Lakeland. As Second Vice-President we have Mr. Don Layman, K4QAY. Secretary will be manned by Mr. Bill Blasingame, WA4NEV. Anyone would be pleased to have veterans like Mr. Tony Litschauer, W4JQ, as Treasurer and Mr. Vance Vogel, W4OVE, as Emergency Net Manager. To these gentlemen I say congratulations and I look forward to a very successful six months.

Next month I shall turn you over to Bill, WA4NEV, for the next six month. I have enjoyed meeting you here each month and I look forward to hearing you on 3940 Khz. Until then 73 and good luck.

DE W4MVB

## NOFARS NEWS

By Jesse H. Morris, W4MVB

Well Field Day has come and gone and we are very proud of our operation here in North Florida. WA4QCN/4 was operated from the top deck of the press box in the Gator Bowl. This proved to be an excellent location. Running two transmitters we made about 1400 contacts. The SSB station was the workhorse of the operation this year making over 950 contacts. There seemed to be fewer CW stations to contact than in years gone by. We here in NOFARS think this is a trend which will continue and we would like to hear from other clubs on this subject. This might prove to be a consideration for next Field Day.

Counting the 500 bonus points that we should get, we expect to have about just under 9000 points which will double last years effort. There is just one catch, we lost a log sheet with about 50 contacts on it and unless this log sheet shows up we will loose about 300 points there. Even without those 50 contacts though it was quite a week-end.

We received much publicity here in Jacksonville for the week of Field Day. It was Amateur Radio Week in Florida and thanks to the very fine efforts of W4YPX and W4GUJ the press and TV were well aware of our activities and gave us much coverage.

Many others deserve credit for this fine operation. NOFARS president, W4PLE, arranged for us to operate from the Gator Bowl. W4FWZ furnished the portable power which we used. Many operators did a fine job and WA4WPQ kept the generator running for the entire 24 hours. To all these people and to many others who worked so hard we say well done.

DE W4MVB



By Jim Wilson,  
W4GDK, NØWCK

Though Alma didn't amount to much as hurricanes go, no one could predict its future so Navy MARS watched it closely as it went up the Gulf Coast. Despite its immaturity it brought some pretty strong winds. Despite its immaturity it brought some pretty strong winds. Gusts of 65 mph ranged across the state. We were glad to see it leave.

Navy MARS RTTY net is picking up steam and we hope to be able to extend it to several times a week soon.

More and more Viet Nam traffic is moving both ways and finding prompt delivery in the States.

It is very pleasing to see the steady increase in membership. It has increased 25% in South Florida alone in the past six months.

Your correspondent can be reached at 1204 Avocado Isle, Ft. Lauderdale, will be glad to answer your questions about Navy MARS.

That is about all for this month. We should have our Field Day score computed correctly by next month and we will have that. Until then 73 and good luck.

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# CLUB NEWS

## SARASOTA AMATEUR

By Dick Tesar, WA4WIP

CQ Field Day, CQ Field Day—boy! another week-end gone and I guess the XYL will speak to us again. But, we sure enjoyed it and the S.A.R.A. was right in there pitching with the call W4YDD. This year, the club operated two transmitters, under 150 watts, for a total of some 1070 contacts or now and will be forthcoming shortly. Our rigs: sure were given a real work out and so were the operators and loggers, namely, W4YDD, W4BGO, W4IZT, W4TXE, W4JTA, W4WIP, W4WHF, K4YDB, W44MZP, K4VJI, and W44MVD.

No special problems came up and neither did the rain. The first FD operation without rain for many years and it was sure appreciated by everyone. All antennas were down and the rigs home by 2200 GMT.

We'd like to wish W4IZT, Ralph, lots of luck on his return to his home station in St. Louis, Mo.

A swap shop table was held at the regular July meeting and all participants had a ball trading, buying, and selling the odd items that other hams had. Terrific way to get to know one another and to get that piece of gear you've always wanted.

Many members are away on vacation and more are on their way—some mobile and portable. The DX bands have been good here on the west coast and hamming in general very good. So till next month—73, Dick, W4WIP.

## TAMPA AMATEUR

### RADIO CLUB

By Marvin M. Bostain, WA4HDK

Club activities for the Tampa Amateur Radio Club are almost at a standstill, since the club is holding no regular meetings during the summer months.

One item of interest occurred during the Unlimited Hydro-plane Races which were held on June 12. The races were held along Courtney Campbell Causeway, and there are no telephones in the vicinity. One of the local CB clubs had many of its members help around the pit area as well as the concession stands, gates, and other places where short-distance communication was needed. The supplies for the concession stands were being furnished from Tampa, about 10 miles away, and communication was vitally needed between these stands and Tampa. The CB's were unable to supply this vital link and pressed Glenn Averill, W44LLU into service. Glenn called his son, Russ W44JMH, on 2 meters, Russ made the telephone calls, and passed the answer back to Glenn who gave it to the CB's.

## SUNCOAST VHF CLUB

By Nancy WA4EDL

The St. Petersburg area finally has a column in the Evening Independent, Tuesdays called the Ham Shack by line of Rick Rutan K4BNE. Let's all read his column as they are letting him try it as an experiment. Show them we appreciate it.

To those who attended the picnic

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in Taylor Park, I hope they enjoyed it half as much as I did and will join us again next year. To those who worked to make it a good time, our heart felt thanks.

The St. Pete Yacht Club has again called upon Ned K4CNB to supply communications at the race Aug. 13-14. We are going to use both 6 & 2 meters. This is going to be a trial for the Southland Sweepstakes Regatta in February. Know it will work out fine with all the boys who have worked so faithfully with us in the past.

Our best wishes go to K4WXS Lee and OM on their anniversary. Hope all of those who had antenna damage from Alma have gotten it all straightened up and all are back on the air.

Hope to see you all in Bartow for their big Picnic. First Sunday after Labor Day unless they changed it.

This month winds up summer vacations for most of us and all the harmonics. Hope all had or will have a good, safe trip where ever and when ever they go.

See y'all next month. Don't forget to renew your Florida SKIP. Call me for information.

## WESTERN FLA. NEWS

Frank M. Butler, Jr. W4RKH

The Section was represented in Field Day by club groups from Pensacola, Milton, Eglin AFB and Panama City. Hurricane ALMA traffic was handled with ease by Nets BRAVO and CHARLIE.

Pensacola: PARC had 9 operators out for FD on Bayou Grande, near K4SOI's QTH. Big moment was a 30-minute 75-meter QSO with a ZL.

Ft. Walton/Eglin: Cash prizes at the Bowlegs Festival 2-meter transmitter hunt drew a record 13 entries. Winners in order were: W4EVU/W44WAX, W4RKH and W4AQN/W44MRD. In the July hunt, W4RKH was so well hidden that only the team of WN4CNS/W47ABH found him without

assistance. W44DYN and W43APO joined the 2-meter gang. WN4API is QRL school work. W4SRX tried a new FD site and topped last year's score. New EARS officers are W47ABH/4, W43BVI/4 and W4RKH.

Milton: K4NMZ received WAS and WAC awards, Defuniak Springs; W4CDU has moved here and is active on 75-meters.

Panama City: W44JIM went mobile with an HW-12. PCARC operated FD from USNMMDL with 7 operators. K4VYF has summer job as radio operator with oil exploration ship in Gulf.

## SOUTH MIAMI RADIO

By Charlie Lingo WA4RSX

By unofficial count, the club can report about 900 bonified Field Day contacts. The emergency station was set up in the Dade County Civil Defense center with its huge Cat. engine generator, and towers that were used to an advantage. Can't say using a big generator for a tiny load is recommended, but W4WUD managed to keep the voltage and frequency within limits for the trials. One can sure find out in which areas they are weak, and need improvement, or even elementary emergency service training by spending a little time around the camp on Field Day. Every year the question is raised: Which operator will log the greatest number of contacts? The ham who cq's at 25 or 30 w/m or the operator who cq's at 15 to 20 w/m. The O.M. say slow down, the Y.M. say keep it fast, they like it that way on the other end. Give us your comments in Club News sometime. Since last writing for the News, our club has enjoyed having Mr. Dick S.E. Adcock speak about antennas, and Mr. Don R. Monger, Director of the U.S. Naval Observatory Time Service substation, Perrine Florida, tell about time and weather information, procurement and dissemination of the same thru WWV. Both programs are worth any club's time. Al Wilcox has joined our Code study group in their training West Miami Boys' Town boys for the examination. When the smoke of a transmitter burning in the middle of Field Day exercises cleared away, we learned we were to receive a certificate from the Civil Defense authorities in token of their appreciation

of our taking part in the dry run and giving their generator and living facilities a workout. After our meeting Friday, July 15th, we all expect to see movies of other Field Days and joyous affairs of the Club. AR.

Charles K. Lingo  
P.O. Box 81  
South Miami, Fla.

## ORLANDO RAMBLINGS

By Hal, W4BKC

Wes Gardner, K4KRG, E.C. for Orange County and Communication Officer for Civil Defense has been transferred to Pennsylvania for three months by the U.S. Department of Agriculture, Inspection Division.

During his absence Mac K4TMN and Hal, W4BKC have been appointed Assistant Emergency Coordinators to carry the ball till Wes returns in the fall.

On Wednesday July 6, Bill, K4FXF patched Wes into the two meter net from 20 meters and most of the gang had a chance to say "hi" and hear Wes tell how many tons of beans he had already inspected. He got a real kick out of checking into the net and we all got a real charge out of being able to gab with him for awhile. Here is his address: Wes Gardner, U.S.D.A. Inspector, Hanover Canning Co. Centre Co. Freezing Div., Centre Hall, Penn.

Case, W4NGR and Claudine, W44SII were Host and Hostess at the Field Day site this year. Sam W44YZH was in charge of the equipment. The event took place in an old resort Hotel that had been better days. Jim, W4PAO described it as "Green Acres" after the TV show. When they attempted to put a beam on the roof they found that dry rot made it hazardous. Most of the time was spent riding in Cliff's, W4CFA, boat fishing and swimming. Not much hamming but everyone reported they had a ball. Steaks were good everybody got a kick out of going to the Pancake House Sunday A.M. and making their own griddle cakes.

The Emergency Operating Center for Civil Defense has been voted down again by the commissioners—so the "I'll believe it..." gang have won another round, but the fight is still going on, here and in Viet Nam.

## SUNCOAST ROVING REPORTER

By Cathy Soehl, W4BAV

Previous months, I have reported on hamfests. Field Day is the big event in June. SPARC has a nice set up, on all bands, at the Fla. Power Club, on Coquina Key. Hope they made a good score. Sarasota R.C. set up at Camp Hamilton and had one of their best F.D., though they "missed the boat" by not operating on 6-meters. W4BAV-Cathy had "a ball" giving F.D. contacts but, strange as it may seem, all were DX on 6-meters no locals were copied. The first contact, incidentally, was a VE1.

W4NOK/W42RMC-Jack advises he is on every night late, on 3943 KC, which is the County Hunter's Net. However, they are on EDT, which would mean 10:15 PM EST until midnight would be the best time to catch him. Frances and Jack's new addition to the family is "Tinkle Bell", a Blond Cocker Spaniel, arrived May 19th - 3 1/2 mo.

W4UFR-Earl was honored at a Ser-toma Club dinner, being presented with a certificate for perfect weekly attendance for six years. W4WPD-



This is one half of the famous W4AAZ/W4BMC ham shack in Lake Worth. The other half is just as impressive. Here Slim keeps the big easy chair warm while "Big Mike" (Bertha) snaps the pix. Slim and Mike can be found on most any band or mode, RTTY, SSB, c.w. and plenty of VHF. Truly a great team!

(AZZ/BMC photo)



Shirley, was with him and not to be outdone, won a bottle of champagne. Came in handy for celebration of their anniversary and Earl's birthday.

Sorry to learn of W4PWB-Walt's recent heart attack. Hope he has fully recuperated and able to take the anticipated trip North. Also shocked to learn of W4EGL-Jim, of Bowling Green, sudden passing. He will be missed at all the Hamfests, where we always met.

We wonder if K4DII-Fred is "tied in" with Candid Camera. This question arises after viewing a page of pictures, in SPARC-GAP, taken at the Hamfest. When K4DII is around, keep smiling, you may be on his candid camera. Hi! Nice work, Fred!

### B.A.R.C.

By Jim Wilson, W4GDK

Field Day found BARC members very active at their location in Birch State Park, only a short distance from Ft. Lauderdale's famous ocean beach.

Despite having the handicap of one transmitter which was not fully manned, the Club made 1128 contacts for a score of 4591 points in contrast to 2908 points last year.

Disaster almost struck the installation as the antennas were being dismantled. One big 3 element beam had been supported by a high crane mounted on a truck. While several hams were far up on it, the crane was turned on the truck and it started to tip over. Quick action prevented a serious accident.

Our Club project of building Tone Comparators for our blind ham friends, has been given a name. This is now known as "Project Argus".

At our next meeting we are being favored with a slide illustrated talk about famous Pitcairn Island by Bill Rogers, a Ft. Lauderdale resident who used to live there.

All Broward County hams or visiting hams are cordially invited to attend our meetings at 8 PM the second Wednesday of each month. We meet in the Broward County Medical Assn. Building, 2200 South Andrews Avenue, Ft. Lauderdale. We will enjoy meeting you.

### H.A.R.S. NEWS

By Bill Lynn, K4VAO

We regret not having Lou Bellavia, K4PDR, to demonstrate his amateur tv at our June 28 meeting because of a mixup in his vacation plans. However Lou will be at our July 26 meeting and all members are looking forward to seeing him demonstrate his atv from Lutz, Fla. to Tampa, Fla.

At our June meeting Ray Murphy, W4BNE, reported on his trip to the Gulf Hurricane Seminar held in New Orleans this past month. This includes the five states bordering the Gulf of Mexico and deals with the preparation for hurricanes as well as any other type of natural disasters. Since Hurricane Betsy ravaged New Orleans the people have become organized and are better prepared now. Before his report Ray presented a very fine film on earthquakes, tornados, floods and other natural destruction forces and pointed out how civil defense and amateur radio went to work. Everyone enjoyed Ray's report on the Seminar as well as the French Quarter and Bourbon Street.

Two new members were added this month to our club. They are Paul Bick, WA4JYD, and Ted Abrams, WB4CQS. Paul is quite active on 6 and 2 meters.

The door prize, a vfo for 40 and

80 meters was won by Lowell Free-mire and he doesn't have a license but is working on it. See you next month. 73.

### FT..MEYERS CLUB

By Ken, W4SMK

The FMARC operated W4AV/4 during Field Day and came up with some 1200 contacts with one SSB and one CW rig running 150 watts. A dozen operators participated, and the FD Committee consisted of W4KET, W4-WYJ, and W4SMK. Our thanks to all of the gang who helped make the FD a success. We believe we have the slickest antenna crew in the State when it comes to putting up FD antennas.

Along with some of the others involved in the Dawn Breaker Emergency in June, I received a very nice thank you letter from Don, W6LCD, who is now back in California and filled us in on some of the details we missed in the original story.

W4DQE is a proud papa once again since WA4IUU presented him with another boy. All doing OK.

W4LNE is headed back to sea again as a radio op after being ashore quite a few years. Mick said the pay was too good to turn down. Understand there is a shortage of good qualified commercial marine ops, in case some of you more adventurous fellows are interested.

K4FQU has a new National linear amplifier to give his SSB sig more authority. Earl is local RO for Red Cross.

W4LZD is off again on one of his famous mobile tours of the country and is headed for New Mexico first, then many other places. Windy will no doubt have more stories to tell us when he returns.

All of you East and West Fla. people with any kind of ARRL appointment be sure and check the Fla. LO Net now meeting Thursdays at 0100 GMT on 3950 Kc. CU there.

Ken

### WEST PALM BEACH

BY JOHN BENAMIN

The West Palm Beach Amateur Radio Club participated in Field Day, June 25th and 26th. Operations took place at Howard Park, in West Palm Beach. The Club operated under its own call of W4HAW.

The Club covered the frequencies of 75, 40, 20, 15, and 6 meters. Jim Hughes, W4EXO, and "Twisty", W4DWK, operated 40 meters CW on a Viking. Ted Caldwell, K4IFQ, Roy Carter, WA4SFF, Steve Bacchi, WA4RUE, and Bill Jennings, WA4RQR, operated 75, 20, and 15 meters SSB on a KWM-2. Ted Kohl, WA4IXU, and Winn Hall, WA4KKW, operated 6 meters AM. The Club had two emergency generators which were used to supply electricity for the various equipment.

The Sailfisher, West Palm Beach Amateur Radio Club newspaper, has begun printing again. The Editor and Publisher is John Benjamin. The first issue came out the 1st of July.

A reminder to those who have 2 meter equipment, there is an AREC 2 meter net on every Wednesday night at 0130 GMT. Many of the operations of the net control station have taken place at The West Palm Beach Amateur Radio Club, under the Club call of W4HAW. For further information about this net, contact WA4-BMC, Bertha Eggert, 1510-17th Ave., "N" Lake Worth, Fla. 33460 or Bill

(Continued on Page 12)

# 1966 HAMFEST

BY THE

## PLATINUM COAST AMATEUR RADIO SOCIETY

HELD AT THE

## MELBOURNE AUDITORIUM

COMPLETELY AIR CONDITIONED

## AUGUST 21st

FREQUENCIES MONITORED ALL DAY

### 14.3 7.25

144 TRANSMIT AND WILL TUNE BAND AND

50.25 TRANSMIT AND TUNE BAND

### GRAND PRIZE

SWAN 350 AND MANY,  
MANY OTHERS

\* \* \* \*

ADMISSION \$1.00

\* \* \* \*

PICNIC AREA, GAMES AND  
CONTESTS FOR THE KIDDIES

\* \* \* \*

SWAP TABLES

\* \* \* \*

MEETING PLACES FOR  
AREC, MARS, QCWA, FLORIDORAS  
AND OTHERS

TICKETS AVAILABLE AT

P.O. BOX 910

MELBOURNE, FLORIDA



## FLORIDORA News

By Cathy Soehl - W4BAV

The Floridoras have discontinued their monthly on-the-air business meetings during July & August; however, are continuing the regular weekly net on 3933KC every Tuesday at 9 A.M. EST.

W4EHN - Betty was thrilled June 13th when she worked Swan Island. Congratulations, Betty.

K4RNS - Marge & OM - Jim are mighty proud of their son, who is on the WASP and could be seen on TV, assisting with the "Splash-down" operations. He has had the honor of meeting nine of the Astronauts.

All the Floridoras who attended the Orlando Hamfest, are the recipients of a lovely cook book, courtesy of W4GM-Clark. A standing vote of thanks to Clark!

K4RHL - Ellie is looking forward to a thrilling week-end over the 4th of July, keeping up with the Powder Puff Derby. She has two daughters participating, one a pilot and the other,

co-pilot... Ellie also just lacks a contact with Kentucky and Montana for YL WAS certificate.

W4IUR-Mims suffered a "bout" with shingles, after returning from the nice vacation mentioned in last column.

W4WPD - Shirley's luck continues to hold out. She recently attended a Sertoma Club dinner with OM, W4UFR-Earl and won a bottle of champagne. It was just in time to celebrate their wedding anniversary and Earl's birthday.

W4UF - Dot is spending 10 days down on the Keys, doing some research in the Labs there. Good luck on the book you are writing, Dot.

If you tire of a "long, hot Summer", visit K4RNS - Marge and hear her tape from Hawaii playing "Here Comes Santa On A Surf Board". Their daughter sent them a tape of Xmas music from Hawaii, as per Marge's request. Hi!

## TRAFFIC REPORTING?

By "Ham" K4SJH-SCM FLA.

Some time ago this office came up with an educated guess about the number of traffickers who COULD be reporting their traffic. At that time I indicated that we were receiving reports from less than half of the stations on our nets and that we should be able to realize at least 235 reports each month. Big deal, you say. Well, if you take cognizance of the fact that the number of traffic reports received plays a major part in our national standings against other sections you may better understand the reason for my activity in this direction. We are NOT in the position to lead with traffic volume alone but, the final figure that is reached is strongly affected by the number of reports received and this is where we take up the slack.

An average of the number of reports received for Jan., Feb., Mar. and Apr. were used to show the number of stations reporting. This amounted to 65 stations plus a small fraction. Next, the rosters of all traffic nets except RATT which we had, were worked up into a single list of calls, eliminating repeats on stations checking into more than one net. This resulted in a total of 172 traffic net mem-

bers. I can break down these figures by net including calls if any net manager so desires.

From the above figures we find that roughly 38% of stations appearing on traffic net rosters are reporting their traffic to the SCM. Even if we eliminate those who handle zero traffic to the SCM. Even if we eliminate those who handle zero traffic, those temporarily absent, etc. we still have a very impressive "no report" figure.

Let me clarify a few things:

- (1) You do not have to be an ARRL member to report traffic;
  - (2) You are not doing ARRL any favors but you ARE helping to support traffic handling capabilities in your section and, indirectly supporting Ham radio;
  - (3) Your report carries equal weight whether you have handled one message or a thousand;
  - (4) You may send your report by radiogram or by mail using the Form 1 which is available on request to the SCM. The deadline on such reports is noon of the sixth of each month. Your report will appear in the SCM column of QST and a list of the top 20 traffic takers appears in Florida SKIP each month.
- WON'T YOU START SENDING IN YOUR REPORTS?

## LONGEST ANTENNA LAID OUT 21 MILES ON ANTARCTIC ICE

Washington NANA March 9, 1966 the world's longest radio antenna has been laid out on the Antarctic ice cap by electrical engineers of the University of Washington.

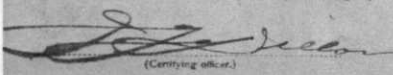
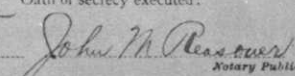
The 21 mile plastic-covered copper wire is designed as both a receiver and a transmitter. As a transmitter, the antenna, aligned with lines of force of the earth's magnetic field, is attempting to simulate radio waves of very long wave length and very low frequency called "whistlers", for the sound they produce on the receivers.

"Whistlers" are produced naturally but infrequently when lightning strikes produce radio waves which travel far into space and return to earth, affecting long distance communications.

As a receiver, it is designed to pick up very weak signals produced by many kinds of high atmospheric phenomena.

(Phil, Evening Bulletin courtesy W3UAX Xmtr)

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UNITED STATES OF AMERICA		No. 10060
DEPARTMENT OF COMMERCE		
BUREAU OF NAVIGATION		
RADIO SERVICE		
<b>License to Radio Operator, Amateur Second Grade</b>		
This is to certify, that <u>Dale Ball</u>		
has presented satisfactory evidence that he has a knowledge of the adjustment and operation of apparatus and of the regulations of the Radiotelegraphic Convention and the Acts of Congress, in so far as they relate to interference with radio communication and impose certain duties on all grades of operators, sufficient to entitle him to a license, and he is hereby temporarily licensed as RADIO OPERATOR, AMATEUR SECOND GRADE, for the period of eight months or until he has been duly examined.		
He has also shown that he has knowledge (excellent or good) of the following additional subjects:		
(a) General adjustment, operation, and care of apparatus	Good.	(Excellent or good.)
(b) Transmitting and sound reading Continental Morse at a speed of <u>five</u> words a minute.		
(c) General knowledge of international regulations and Acts of Congress to regulate radio communication	Good.	(Excellent or good.)
 (Certifying officer.) Radio Inspector. (Title.)		Oath of secrecy executed:  Notary Public.
Place	Chicago, Ill.	Date Sept. 23, 1916.

While cleaning out the garage in Allegan Mich., Irl D. Ball, K4URA/W8CX ran across a large envelope from the Department of Commerce. He opened it up and found his "first amateur license." As you can see it was dated September 23, 1916. Irl said it looked just like new and was like finding a \$20.00 gold piece. Our thanks to Mr. Ball for sending the above copy. K4URA lives in Leesburg in the winter and Allegan, Mich. in the summer.



# VHF EASTERN FLORIDA

Bertha Farr Eggert, WA4BMC

From a letter received from Frank Butler, W4RKH, SCM of West Florida, I quote: "VHF activity in West Florida is mainly on 2-meter AM, with the most popular frequency 145.2 Mc. Pensacola has 4-5 stations, Panama City has 1-15 stations, and Fort Walton Beach vicinity has 30-40 stations. Other 2-meter stations are in Milton, Crestview, Defuniak Springs, Chipley, Cypress, Wewahitchks and Tallahassee. Vertical polarization is used in Fort Walton, with horizontal beams for the long hops between cities.

I am pushing 2-meter FM activity in Northwest Florida. 4 stations are on in the Fort Walton area, using the statewide frequency of 146.94 Mc. More stations will be on as soon as equipment can be located. (Please let W4RKH know if you know of any high-band FM commercial equipment available.)

W4AGS in Fort Walton is almost on 432; he is also one of the Section's most active 6-meter hams.

Two-meter transmitter hunts are held every month (first Sunday) in Fort Walton. Visitors are welcome.

I would like to urge West Florida VHF hams to (1) make 145.2 Mc. the common 2-meter AM frequency, and (2) monitor both this and 146.94 MC FM whenever you are home. Let's make the VHF intercom idea work, day in and day out."

Thank you Frank, for all this information.

Now, I have a letter from Ham K4SJH, SCM for East Florida. He says, "Please try to include all that you can of this in your column. This seemed to me to deserve much attention."

Ok Ham, will do.

Follows an OES Report from WA4STJ, James, in Hollywood Florida. "50 MC SSB has been open almost everyday. I picked up three new states this month, (Vermont, Washington, Alabama) for a total of 38 (35 confirmed) 2XSSB. I also have 3 states worked on 2-way 50 MC. RTTY. I worked all call areas in one evening on 2XSSB; it took 3-1/2 hours. Try that for fun!

The notable stations worked this month on 6 meters are W7CNK, Washington, TI2NA, Costa Rica, W2NOF/1, Vermont, and W1HOY/KP4 Puerto Rico. I heard FG7XT but did not work him because I was

blotted out by California stations!! FG7XT has a KWN-2 on transceive operation at the low end of six.

As you can see, 6 meters has really been busy. The surprising part of the openings is that they are extending well into the evenings; sometimes the band doesn't OPEN until 9 or 10 PM, EST."

Jim, that IS a wonderful report. Thank you, and Ham, for it. I am sure Skip readers will be very interested.

No others heard from this month. Al WA4FZV and his XYL, are away on vacation.

Don't forget the nets on two meters; one from Broward County, 145.230, at 8 PM est; one from Martin county, 145.350 8 PM est, both Mondays; Net in Arcadia, 145.150, Wednesdays at 8 PM est, and the Palm Beach County ARPSC Net, 145.350 at 8:30 PM est, also on Wednesday nights.

Best DX on VHF to all of you.

Bertha Farr Eggert  
WA4BMC  
VHF-PAM-C. FLA.

## Early FD Scores

FD scores are slowly coming in, but here are a few: Dade ARC 3,426; Sarasota ARC, 7,118; Broward ARC, 4591; Gainesville ARS 8,582; St. Pete ARC 1351, and North Florida ARS 1400 contacts - points unknown. Also participating but no scores yet were: W4VMT, Carol City, Panama ARC, West Palm Beach ARC, Dade County ARPSC, Ft. Myers ARC, Homestead ARC, Orange City (W4-WHK), Orland ARC, No. Miami ARC, So Miami ARC, and many others. Come on fellows --- give.

## It's A Fact

Fuses are available from 10 milliamperes on up. Use a 1/8 A. (125 MA) SLO BLOW to protect a single 6146 in a final, or 1/4 A (250 MA) for a pair. Cheaper than new tubes. Hook in series with the high voltage lead to the final.

P.E.P. (Peak envelope power) so quickly used as an expression in SSB jargon also can be used as an expression in AM phone. Sidebanders do not have a copy-right on P.E.P.

That there are more than 285, two hundred eighty-five, official countries recognized by ARRL. But there are only 6 continents. Things are sort of packed in.

That even AM phone signals have sidebands. One each, upper and lower. And that the only time the carrier conveys any message or intelligence is when it is broken with a keying device and CW is used. All sound or other intelligence is carried on the sidebands, the upper being a mirror image of the lower. It is possible to transmit carrier and one sideband either upper or lower thus reducing the effective width of the transmitted signal to one half of its original AM over all bandwidth. To the receiver only one side is being copied at a time so it would be undetectable unless you were looking for the other sideband.

A Sidebander,  
W4NUT

## Gold Mine In Publicity

(EDITOR'S NOTE: After reading about Amateur Radio Week in the May issue of FLORIDA SKIP, Ed Rowley, WA4DYS of fine music FM station WWPB in Miami got busy on the phone and lined up WIOD, WGBS, WK-AT, WQAM, WFUN, WSKP, W-VCG, WGMA, WINZ and of course WWPB to broadcast the following at least twice a day, June 18 to 25th. This figured out to about 140 "spots" for amateur radio over the weeks period. This month FLORIDA SKIP salutes Mr. Ed Rowley WA4DYS for a real SCOOP in amateur radio publicity. A letter of thanks went to all BC programs managers from ye ed.)

Governor Burns has proclaimed the week of June 19th to 25th as Florida Amateur Radio operators week. This week salutes the many amateur radio operators who unselfishly donate their time and equipment to provide communications for the public welfare in times of emergency, or at any other time when they can be of service to their community, state and nation.

On WWPB ONLY:

Keep tuned to WWPB for announcements pertaining to amateur radio activities.

## TOP TWENTY TRAFFIC TAKERS

Each month we are happy to list the top 20 Florida traffic takers. We hope to see your call here next month:

For June 1966:

1. WB4AIW	BPL	945	11. W4BVE	114
2. K4EVY	BPL	607	12. K4MNZ	108
3. W4TUB		445	13. WA4DEL	102
4. WA4BMC	BPL	367	14. W4SDR	91
5. WA4NEV		358	15. WA4OEQ	87
6. WA4SCK		347	16. W4OGX	78
7. W4DFU		300	17. K4KDN	67
8. W4FPC		244	18. W4FP	67
9. W4LUV		128	19. WA4OHO	62
10. K4BNE		125	20. W4EHW	61



# SURPLUS

## ELECTRONICS

# THE HAM SHACK

OPEN ALL DAY SATURDAY

2211 N.W. 36th ST. NE 5-0378 MIAMI, FLORIDA

## AIR FORCE MARS

By AFB4FKH

It is hoped that henceforth Air Force Mars will be represented in the Florida area as ably as is Army Mars.

The mission of Air Force Mars is essentially to supplement and furnish back-up for existing communications systems within the Air Force. The most evident indication of its usefulness is the tremendous amount of traffic contributing to morale and welfare of service men overseas and their families or loved ones at home. In April 1966 this amounted to over 15,000 messages on the transcon nets and undoubtedly more than that number on the area nets.

Administrative control comes under Chief Mars, Headquarters, Washington, D.C. Operational control is under Air Force Communications Systems (AFCS) with headquarters at Scott AFB, Ill.

The Continental United States is divided into three regions: Eastern, Central and Western. Regions are divided into Areas each Area contains several states. Florida is in Area 2 of Eastern Comm Region (ECR) with headquarters at Westover AFB, Mass., under the Command Military Mars Director ECR. Other states in Area 2 are Georgia, North and South Carolinas and Virginia.

Each state is under control of a State Mars Director (civilian) who is directly responsible to the Region Command Mars Director. (Military). The Florida State Mars Director is Herman E. Schenck, AFA4IKX. He has appointed following assistants: Northwest Florida, EE Comstock, AF4MOY, Northeast Florida, Stacey Coggins, AFA4YWI, Central Florida, Ken Wilde, AF4KIS, South Florida, Lew Elrod, AFB4KNO.

Operational control extends from Headquarters ECR to the Area. Area 2 Operations Manager is Joe Davidson, AFA4FPP, Georgia, and from him to his appointed assistants; the HF Operations Manager, the Ratt CW Operations Manager, the VHF and the Training Managers. Their activities are coordinated with the State Directors concerned. Each State has its own Net Manager, net control stations and monitors. The Florida HF Net Manager is G.E.



This big grin rightly belongs to James V. Hagan WA4GHK of Palm Bay, Florida, winner of the main prize at Tropical Ham-boree last January. Some guys have all the dam luck....

(SKIP photo)

Sammons, AFB4DQE.

The Area 2 HF net covers all of Area 2, is open to all members with sufficient capability, operates nightly from 0001Z to 0300Z or later if necessary, on 4417.5 KCS. After 1 July 66 all operations on this net will be SSB both upper and lower. The Ratt net operates nightly from 2200Z to 2359Z on 4580 KCS. The CW Net operates on Saturday, Sunday and Wednesday from 0001Z to 0200Z on 4580 KCS.

Most (about 80%) of available time on the net (HF) is required for the handling of formal traffic to or from overseas or out of state sources. When time permits, limited discussion is permitted after all traffic has been passed. Approximately 40 may be expected to check in nightly.

Traffic agents from the transcon nets attend each session in order to accept or transmit traffic for outside of Area 2.

More to follow in later issues.

14 amateur Weather Instrument plans. Rain gages, barometers, speed/direction, etc. \$2.00. J. Millers, Box 2513F, South Bend, Ind. 46614

## AMATEUR RADIO WEEK

(Continued from Page 1)

ough the kind donation of the owners of the Bahama Star.

A beautiful ship in every respect with a tremendous program on the ship and also on the shore in Nassau to keep any one happy. This floating hotel with three meals daily, believe it or not is also 100% air conditioned. We wish to thank once again the Eastern Steamship Lines owners of the S/S Bahama Star for showing their appreciation to the hams of Dade County by offering this Nassau Cruise to the lucky winner.

Dade County operators participating will automatically be sent a certificate commemorating their part in this party. All QSL to be sent to the North Miami Amateur Radio Club (NOMARC), 776 N.E. 125 Street, North Miami, Fla. 331-61.

Stations will call "CQ Dade County" on SSB and AM and "CQ Dade" on CW. If this works out and we are sure that it will, plans are being made for next year that will climax this week with a FREE Barbeque and Swap meet in a place as big as Tropical Race Track. But that is in the future and this QSO party will be an annual affair.

So fellows and gals let's talk it up on the air. Let the world know where Dade County is on the map, let them know about the QSO party and above all tell them that you thank the Mayor, the Commissioners and all others concerned that you appreciate their caring enough about the amateurs of Dade County to proclaim a week of thanks. Also thanks to the fellows of NOMARC who will take care of all the paper work and that without them this week could not have been possible.

73, Mel WA4NHT

## Ancient Vintage QSL Cards

By Leo R. Scagliozzi, W4VLN

QSL cards today run the gamut from ridiculous to personalized high quality and expensive bits of pasteboard in an effort to project the operators image. More than 40 years ago an English short wave listener came up with a card that probably loaded his wall with answering QSL's far quicker than his neighboring enthusiasts. It's a classic and it reads thusly:

"O, W2CYJ, whose CQ's I have heard, I beg of U to QSL; O please send me a card, for if you do not answer, it will be for your worse: I'll call the wrath of Jupiter on you in my curse. As Nelson said in Waterloo in 1962 (?) 'Up then Guards and Atom (40 years ago) --so shall I say of you - 'Up sturbs and Electrons' - and by the seven spheres may the Heavens belch forth QRN, fit for Thor's own ears; may the sky be rent with lighnings, and the Earth be rent with quakes, and your aerial mast be stricken, so that every guy wire breaks; May your radiation wither, and

your Amps refuse to amp, May your bottles all disintegrate, And your lo-loss coils get cramp; May your generator sizzle, and your meters all go fut; Your condensers stop condensing, and your tuning never stay put. And so because you didn't write things, things turn out so bad, When this malediction comes to pass, perhaps you'll wish you had.

"However, if you QSL or send a word or two. I wish you very 73's and I raise my hat to you."



# FATT NET

By Bob Street, W4IET

Alma gave us a near brush (Southeast Florida) but this time we were ready with emergency power for RTTY and a six meter AM link to Miami Red Cross if necessary. We didn't have to use the set up however, proving "be prepared" and you'll get the brush off, which is nice in the case of Alma. FATT (Florida Amateur Teletype Traffic) net was on during the storm with W4OKW Jack in Satellite Beach as acting NCS for a couple of days while Rex W4ZAG our Net Manager was having Alma type antenna troubles. We hope Alma isn't a preview for the remainder of the Hurricane season. Regardless, the FATTnet is ready.

Cities represented on FATT now are Tampa, St. Petersburg, Orlando, Cocoa, Arcadia, Satellite Beach, Gainesville, Fort Lauderdale - Hollywood - Plantation, and the Miami area. We need more coverage around the state with RTTY, so dust off the keyboards and get in an ACTIVE DAILY RTTY NET!

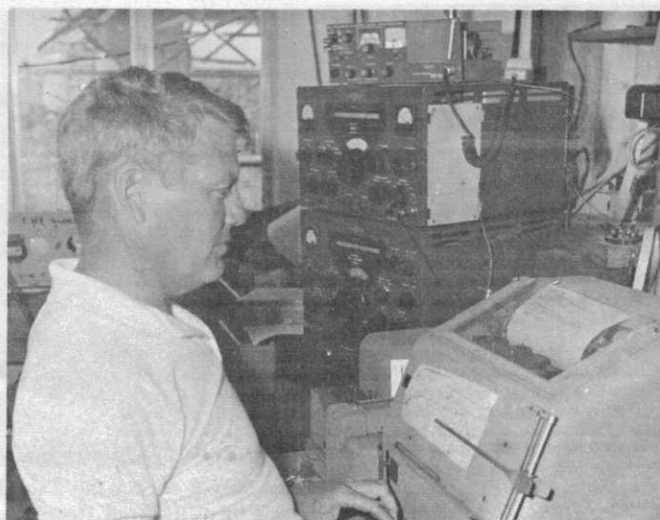
RTTY is the BEST for the long long message: press releases, hamfest announcements, traffic reports, construction articles, and even "letter style" messages. We

(W4IET) have received several "over 200 word" messages at this station this past week. Try to do that on CW, SSB or AM without working. (At 60 wpm too!)

So join the group on 3704kc EVERY NIGHT at 0000Z (7pm EST). Rex W4ZAG our NCS for the FATT net will give you a big welcome as he adds your station to the roll call. See YOU TONIGHT! 73s. RB RYRYRYRYRY

## COLLAPSIBLE DISH

Here's a way to pack a six foot diameter dish into your auto trunk for use on hilltop UHF field day contacts. Cut twelve triangular pieces of aluminum, perforated with 1/4 inch holes spaced 1/4 inch apart to reduce wind resistance, to form the dish configuration. At the narrow angle of each section (the one forming the center of the dish), connect a looped section or ring 1 inch in diameter. Place hooks on the side opposite of this point and tie lengths of nylon rope at this point. Secure all twelve rings to one end of a 1 inch diameter aluminum tube, and tie all the ropes to the other end, thus holding the dish shape. The dipole simply



Keeping the FATT net hot on 3700kHz nightly is Bob Street W4IET of Miami Springs. Bob is our Key RTTY Station in Dade and will handle traffic at 60 w.p.m. for anyone. While not pounding on the green keys, he flies the Great Silver Fleet Jet-birds between NYC and MIA. You RTTY guys give a listen for FATT some night. They ID in c.w. you know.

(SKIP Photo)

plugs in at the end of the tube and you're ready to go.

The antenna easily collapses to flat sections of three foot length and will fit even in the smallest of trunks.

73,  
Dick Frederick K4UGC  
Miami, Fla.

PUT ZIP  
in  
your mail

Include  
ZIP CODE NUMBERS  
IN ALL ADDRESSES



**A**lfa

**B**ravo

**C**harlie

**D**elta

**E**cho

**F**oxtrot

**G**olf

**H**otel

**I**ndia

**J**uliett

**K**ilo

**L**ima

**M**ike

**N**ovember

**O**scar

**P**apa

**Q**uebec

**R**omeo

**S**ierra

**T**ango

**U**niform

**V**ictor

**W**hiskey

**X**-ray

**Y**ankee

**Z**ulu

**New ABC's**

THE 28 words make up the new alphabet adopted by the International Civil Aviation Organization (ICAO). They are intended for use by pilots, radiomen and control-tower operators when poor communications or language difficulties make it advisable to spell out words.

This is the second revision of the ABLE, BAKER, CHARLIE alphabet that millions of GIs learned during World War II.

To qualify for the ICAO alphabet, every word had to meet rigid requirements: (1) begin with the letter that it represents; (2) be pronounced with understandable similarity by speakers of many nations; (3) cause a minimum of confusion with any other letter word; (4) have some meaning for users of most nationalities.

(Via W4NGR)

# CLUB NEWS

## WEST PALM BEACH

(Continued from Page 7)

Jennings, WA4RQR EC Palm Beach County at 421 Hibiscus St., in West Palm Beach, Fla., 33401.

The club wants to cordially invite any interested clubs or individual persons to visit us Monday or Friday nights. We are located at 823 Newark St., in West Palm Beach. Our phone number is 832-8516 if you need any further information. Business meetings take place the 1st Monday of every month.

## GAINESVILLE NEWS

By Bill Wells, K4RDP

Field Day is an interesting experience that happens to many groups of interested hardworking people once each year. Things start off kinda slow; like THINK MAN, what went wrong last year? ...and what can we do to make it better this year.

Each year we look for the best possible location that meets certain important criteria. First and most important is maximum safety of operators and participants. Second-maximum safety of all the "borrowed" equipment. Third-best possible location for all antennas and fourth, ample emergency power to handle all equipment used; transmitters, receivers, t-r relays, rotors, lights to work and see by, etc.

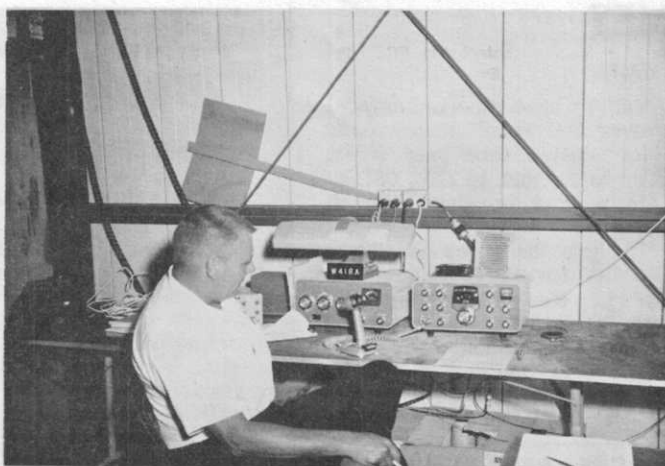
This year we found such a place. Through Dr. Putnam, WA4UJX we obtained the use of the local Shrine Club, 5 miles West of Gainesville on S.R. 24. The fee was reduced to fifteen dollars. The Shriners met and decided, "because of the wonderful and continuous free communications rendered by radio amateurs during all emergencies" it was agreed to let us use the building free of cost. We made a fifteen dollar donation to their Crippled Children's Hospital Fund.

It was almost the perfect location. We used also our "new" C.D. bus for 80M, 20M, and 2 meters, powered with a borrowed two KW generator. In the main building we operated 40M, 15M, 10M and 3/4 meters. The entire building was powered with a 5 KW generator.

Jack Spencer WA4UFO, in charge of Food and Refreshments did a real Yeoman's job in feeding the perpetual hungry mob. Sandwiched, Barbe-que ribs for supper, "cracker eggs" for all Sunday breakfast and fried chicken for Sunday lunch. Plus coffee, iced tea, ice water and iced watermelon at anytime. A real Spark-Plug is Jack. To top it all off he still found time to do some amount operating.

We netted a total of 8052 points, plus the 500 point bonus for a grand total of 8552 points. We are afraid that this will not be enough to retain the Florida Skip Trophy which we so proudly hold this year. Soooo WAIT 'TIL NEXT YEAR.

Local Field Day Champ is Hatz Aiserman, K4JUZ (again, and the



On July 2 thru 5 the Florida SBA handled the Clearwater end of the "Powder Puff Derby" communications. Here is Herb Tuell W4IRA of Clearwater at the controls of his rig. K4MFF and WA-4GDS of Pinellas and Hillsborough CD provided 2 meter FM links also. We hope to have a full report next month.

(Photo by WA4GDS)

Booby Prize went to Walt, W4TKE).

Our thanks to all 30 members who participated in all aspects of this exercise and for making it a near success...and guess what?? THIS YEAR IT DIDN'T EVEN RAIN...Hope all clubs and groups that participated have their scores sent in to Florida Skip and ARRL.

## SARASOTA AMATEUR

By WA4WIP - Dick Tesar

Well, not too much to report from Fair Sarasota, except the big news is hurricane "Alma". What a girl she was. I guess we can consider ourselves quite lucky that she didn't do more damage than she did. W4NIR, Lloyd, was quite active on 3940 in the Florida Sidebanders Net and W4BGO and WA4WIP were monitoring the same freq.

Antennas - ? Well, out of 8 quads here in Sarasota, four are down and two need a couple of elements restringed. Two came through untouched. W4YDD, WA4WIP, WA4VYW lost their quads while W4BGO and W4CKX have to do a little restringing. Ben, W4BGO, also, lost the top 20 feet of his 75' vertical and one element of a new 20 meter beam he was working on. Larry, W4WHF, dropped his beam to the 20' level, but his tower leaned a little. All, in all, the QRM from Sarasota stations will be at a low level for the next few weeks. Dick, WA4WIP, has ordered a new fiberglass quad and it should be up by this time and Paul, W4YDD doesn't know whether to rebuild or to put up a vertical for a while. Enough of antennas. Alma did very little structural damage to Sarasota and most of it amounted to aluminum carportes, etc., signs, and TV antennas.

The meeting in June was a surprise meeting in which Larry, W4WHF president, sprung a test on the group. Oh well!

Field Day is coming up and the group here is going to be strong in it, barring another Alma, and we hope to give the rest of Florida some real competition. We will be running two transmitters under 150 watts power. Plan to operate from the YMCA campsite and to use a cubical quad on 10 - 15 - 20 and a 15 - 20 meter beam with 40/80 dipoles. We'll be in there pit-

ching with experts, so watch our smoke (I hope).

Not too much other news from the beautiful West Coast, so we'll sign off for another month. 73's. Dick.

## PLATINUM COAST AMATEUR RADIO

By Gene Starr, WA4JDB

The Platinum Coast Amateur Radio Society meets the second Monday of the month in Melbourne at the Elks Lodge at 8 PM.

Field Day went over fine, Jimmie WA4QPT, did a fine job. Also Ted WA4DHI at the cook tent. A big thanks from the President Gene WA4JDB for such a fine club showing.

The hamfest plans are looking very good with plenty of interest. The date AUGUST 21, 1966 Melbourne.

Bring the family. There will be rooms for the ladies. There will be swap tables and plenty of displays for the hams to look over and to be able to see what is new and guess there will be plenty for the swap tables.

We are looking forward to having our good friend Marve and family for a visit from the Canal Zone. Marve is KZ5MV ex K4YWC. Carl and his family paid a visit from the Zone this month. Carl is KZ5DM ex WA4OVG.

Gene Starr WA4JDB

## NORTH MIAMI

By Mel Page, WA4NHT

"Holy mosquitos, Batman we are surrounded!!" Not even the dynamic duo could have come through Field Day without a couple of welts to show for it. I think that all the bugs were out there waiting for us to show up.

The club set up camp in a mangrove swamp about a mile north of Dania bridge. Location was perfect as far as communications were concerned. The Atlantic about 50 feet away and the intercoastal across the road.

We rented a 16 foot van and operated the Galaxy 5 plus the Conset 6 meter rig inside. Out in a tent was a SB400 and a Drake 2B for use on CW. We spent the better part of Saturday morning setting up the 290 lbs of tarpaulin that we brought to sent up for tents.

Chief cook and bottle washer was Sheldon WB4AJC assisted by Carl WB4CKU. They did a bang up job of cooking except the 4 inch steaks that we had, left a lot to be desired. Brother, when those two say the steaks will be well done they really mean it. Some little bird tells me that next year they will be replaced. Any offers?

Out in the field was K4KRN, Smitty, WA4LHK, Glynn, WA4ZEV, Al, WA4NHT, Mel, WA4NHU, Mark, WA4MGY, Stew, K4YSN, Tandy, WA4RLG, Jeff, WA4VZW, Brian, WA4VII, Jim and Gene, SWL. Of course the two forementioned cooks???

Boy, the bands were hot and so were the operators but we had plenty of rain to cool us off. At one time the cook tent took off like a jet. What a sight to see Carl trying to hold it down. But I guess that every one in this area was running into the same kind of situation with the weather. It could have been worse but I doubt it.

One thing that did work out great was our six meter rig. We had a five element beam on top of a 25 foot tower ON TOP of a 15 foot high truck. Amazing were the results. The fellows worked 39 states in about 4 hours. Don't know how many points we got but the rigs were really running hot.

For the first time the fellows told me, that they didn't have a bit of trouble with the power supply. A brand new 3KW generator that worked beautifully all the time. Al, WA4FZV went to W. Va. on his vacation and I hear that he had a pretty good time on the farm. Reports have it that he was running a full gallon with plenty of cooper tybing in the final. Come on Al, how did it taste?

Gary WA4PDM is hiding somewhere in the mountains of N.Y. state. Hope he and the YL have a good time. Bill, K4ZDS is attending a factory school up in Ohio. I heard that he will be back sometime in August. Dave, WA4JUB, is home for a summer vacation from M.I.T. He says that school is pretty easy up there. Well, some guys have it and some don't.

The shack is really shaping up now that we have a meeting every week. Every Wednesday we get together to get the gear in shape, plan for future events, etc. This is in addition to our regular Thursday meetings. Plans for the year include plenty of 16 mm sound movies (travels, radio etc.) and lectures for the entertainment of all.

Once again I would like to invite everyone down to the clubhouse on a Wednesday or a Thursday evening at 8 PM. Coffee pot is always hot and we usually have some good cake too. QTH is the basement of the N. Miami City Hall. K4KRN, Smitty is president. Give him a call for any info you need.

## VBARC

By Dennis Yantz WA4YFY

The Vero Beach Amateur Radio Club had its club picnic on June 26th in MacWilliams Park. There were 42 present. As in last years picnic, the club set up its SR-160 and we worked a few stations for FD.

There was something very special about this picnic in that it was also a going away party for Grover Gnewuch W4DFZ. Grover who was a charter member of VBARC, and his XYL left June 30 to return to their original home just outside of Chicago. They intend on residing there permanently. We'll all miss Grover for the help he has given the club in its early days

(Continued on Page 14)



## LETTERS (From Page 2)

that we can provide the communications desired and under the conditions which will be acceptable to everyone. (Or most everyone, anyway.)

I will be away from this QTH for about two months beginning the 25th of this month. My work takes me to Norfolk, Va. for this period but I will keep in touch through the net from time to time.

As you can see from my column we did quite well in Field Day from the Gator Bowl. I will have some pictures for you next month.

73 and good luck,  
Jess  
W4MVB

Editor SKIP:

As I ship off my annual Hambar contribution, I can't resist the opportunity to let you know we still enjoy SKIP with the same enthusiasm we had for the first issue. Your efforts are appreciated here—even though, as the ad signifies, we get less and less time for the "hobby" and no patience with the many controversies you hear on the air and see in print these days (SKIP excepted).

Best regards to all and thanks for all you and Betty continue to do.

73,  
Art Raynor, K4GOX  
Bartow

I am enclosing a copy of my letter to the Editor of Tallahassee Democrat in reference to Hurricane Alma.

As EC of Leon County, I am well pleased with the communications coverage of the hurricane on Net Bravo.

We tried a new "gimmick" to get enough operators to avoid overworking the "old faithfuls". We asked one

of the local radio stations to announce that operators were needed and volunteers should contact the EC. I immediately began getting calls. Five volunteered, including one CBER. This is not many but is more than we started with.

I am grateful for the response and cooperation we received from all involved and wish to extend my thanks to all for a job well done.

73  
Bud Love, WA4EOQ  
Leon County EC  
Tallahassee

You may be interested to hear that "my boss" Paul Brake W4DQO instructed me to put a number of spots on the air saluting Radio Hams during Florida Amateur Radio Operators Week.

WWPB did just this but in addition we contacted all of the major AM and FM stations in the area and they ALSO broadcast their salute to Florida Hams.

We also will be happy to broadcast, as a public service, any bulletins regarding ham radio that any of the Radio Clubs may have.

Please advise the clubs to send their announcements (maximum of 125 words) to Paul Brake W4DQO or to myself.

Thanks again for your printing of the Governors proclamation pertaining to us Hams.

Cordially,  
Ed Rowley, WA4DYS

Editor SKIP:

Thanks very much for the re-run of my ad. The Instructograph was sold the day after I received my copy of Skip.

73,  
Eugene G. Schroeder, K4ZYA

## WELCOME ABOARD!

This month we bring you a new surprise. A new man joins AMATEUR RADIO CENTER, in the name of Herb Spitz, WA4-UOE, home QTH - Hollywood, Fla.

Herb is no newcomer to our ranks, he belongs to the old gang that pioneered radio and just could not retire, so back to the harness he comes. Herb was active in the U.S. Marine Corps as a Navy Operator at NAV, Paris Island, NEV Lakehurst, N.J., Shanghai and later Tientsin China and many other parts of the world. We swapped yarns about the Old U.S.S. Los Angeles Dirigible which went down with the call letters NZ-RLA, but previously might have

held the call ZR-3 since it was built in Germany.

Herb can tell you about the days of early radio when spark gaps were common, and later in 1924 when he joined the Marine Corps. Herbs favorite band is 20 with 15 a close second. He likes CW but spends a little time with the SSB boys. Has worked over 200 countries in the last few years, with 168 confirmed.

Just for fun, you fellas call up "Old Herb", wish him a happy birthday, and best of luck in his new job at Amateur Radio Center. His telephone is Hollywood 987-0744 or you might spot him on the lower end of 20 meters.

Editor

(The following letter was sent to WIOD, WGBS, WKAT, WQAM, WFUN, WSPK, WVCB, WINZ, and WWPB programs directors who gave us about 140 free amateur radio plugs.)

Dear Sir:

On behalf of approximately 1800 amateur radio operators in Dade County, I would like to thank you and WWPB for the excellent "spot" announcements given Amateur Radio Week, June 18 thru 25th, as proclaimed by Governor Burns. They were truly appreciated by all!

As the announcement said--"many amateur radio operators unselfishly donate their time and equipment to provide communications for the pub-

lic welfare in times of emergency, or at any other time when they can be of service to their community, state and nation."

Our thanks also to Ed Rowley (WA4DYS) of station WWPB for his efforts in getting the spots announcement coordinated with your station.

The announcement and all stations carrying it will appear in the August issue of FLORIDA SKIP The All Florida Amateur Radio Publication. I am also sending a copy to QST and CQ, both nation-wide amateur radio publications.

We hope someday to be able to return the favor to you and WWPB.

Andy Clark, W4IYT  
Editor, FLORIDA SKIP, Inc.  
SEC, Eastern Florida, ARRL

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FELLOW AMATEUR: Here are several firms that have an interest in YOUR business! They have seen fit to support the FLORIDA SKIP by giving us a little revenue each month in return for your support. If you have a need for the services listed, you can't possibly do better than to deal with a fellow amateur, now can you?



### Broward Amateur Radio Club, Inc.

MEETS SECOND WEDNESDAY OF MONTH  
ALL AMATEURS INVITED TO ATTEND CLUB MEETINGS HELD AT -  
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## Tornadoes In Net

(EDITOR'S NOTE: The following was sent via radioteletype from W4ZAG in Tampa to W4IET in Miami Springs... thanks gents...AC)

Follows my final report on Florida SET May 7 STOP General plan was as follows STOP A series of tornadoes, water spouts, high winds, heavy rain and hail and electrical storms hit central and southern Hillsborough County on the morning of May seventh STOP Prior to telephone disruption the emergency coordinator alerted W4BNE who was able to get the following AREC members with mobile stations into operation by calling them on two and six meters mobile and instructed them to report to the location of W4DUG (the Tampa Amateur Radio Club) from which location the exercise was directed W4BNE/M WA4GDS/ M K4YOQ/M WA4JMU/M (two stations six and two meters) W4UKV/M K4FHZ/M STOP

A ten KW emergency generator was then dispatched to the location of W4DUG and that station was connected to the emergency power and set up on 3940 KC stand by and also on six and two meters STOP In addition seven operators to work on the fixed stations at W4DUG making a grand total of ten stations and seven active operators (a correction of the previous report) with seventeen messages handled STOP

Considering all we had a very nice drill here I think STOP Was released from the hospital May fourth and am taking it easy for a couple of weeks STOP Sorry that I could not get to the Orlando Hamfest STOP I am shy AREC monthly reports for two months but there is no change any way STOP If you want reports for your files I will get them to you STOP 73

SIG...Jim W4KRC EC Hillsborough County  
AR AR AR

## CQ In "B" Flat

After almost 40 years in this tangle of wires and condensers I believe I have finally made up my mind about one thing. That is— if I was a manufacturer of electronic equipment I would not build or sell equipment to amateurs. A possible exception would be CW gear.

We went along for many many years in the ham game really enjoying the use of the equipment we had when we were confined to CW. It seems that someplace along the line when the phone bands were opened up we picked up an over abundance of long talking know-it-all's. Hour after hour they gripe their heads off telling the world how lousy a particular manufacturers equipment performs.

It is useless to attempt to set them straight even though you may have been earning your chow for years maintaining such gear commercially.

There are times when I believe we would be better off if we reverted to the "OK OM YOUR RST 579 PSE QSL 73." It would be most monotonous but certainly better than listening to some one blowing his trumpet so far off key.

Customer satisfaction is something to strive for but when you are dealing with the breed that has crept into ham radio you are fighting a losing battle.

Onyx

### SORRY

ONCE AGAIN WE RAN  
OUT OF SPACE. WE  
HAVE MANY EXCEL-  
LENT ITEMS FOR NEXT  
MONTH.

Editor

## ARPSC NET TOTALS

NET	QNI	QTC	SESSIONS	AVG QTC
FAST	914	278	26	10.7
GATOR	231	109	30	3.6
WPTN	750	207	31	6.7
FPTN	402	450	26	17.3
FMTN	465	328	26	12.6
TPTN	686	347	26	13.4
QFN	629	297	58	5.2
FATT	151	45	30	1.5



No, confound it -- I am not of SSB, I'm talking natural.

## DX TRAFFIC HANDLING?

REG/W4ILE reports in addition to his net activities, a few bits of DX traffic, promoting a little INTERNATIONAL GOODWILL in the name of ARPSC.

Reg received a phone call from W4IVM Wes King of Miami. Wes has a brother living in Bolivia who has a son, wounded in VIETNAM, returned to the U.S. and hospitalized in Columbus, Ga. Unsuccessful attempts were made via cable to contact Mr. King in Santa Cruz, Bolivia who was urgently needed at his son's bedside due to complications and a pending, serious operation. W4IVM filed a message with W4ILE at 0100Z May 25. Reg gave one try on 15 CW, one CQ Bolivia on 15 SSB with no success. Then went up to 20 SSB and within 15 minutes of filing time had found CP6GA/ Jack in Santa Cruz, Bolivia, delivered the message, and held on while CP6GA phoned Mr. King in Santa Cruz. Subsequent transmissions set up a tentative arrival for the stateside folks and Mr. King arrived in Miami the next day enroute to Columbus, Ga.

On April 20, 18472Z Reg heard 4x4QA attempting to pass traffic to a W2 with no success. 4x4QA was very pleased when W4ILE volunteered to QSP the message. A party in Tel Aviv

having a recent operation and still hospitalized was passing word along to a relative in Brooklyn requesting they keep in contact with Tel Aviv. When two Brooklyn phone numbers failed to answer Reg sent the message via 2330Z QFN. A subsequent QSL from 4x4QA indicated request fulfilled.

On May 25, 0125Z Reg called CQ on 15 CW looking for new states toward his 21 Mc WAS. A weak signal turned out to be VU2JA with a request to phone W5VA collect in Texas requesting that W5VA look for him on 21037 0100Z daily schedule. Seems like W5VA has a specialty of working VU's. Having worked 39 different VU stations and 400 VU QSO's in past few years.

On April 1, W4ILE ran across ET3FMA formerly of Miami (W4FMA-Don) request handling some sked info from and to Don's neighbors in North Miami.

**CLUB NEWS** from Page 12  
of organization plus the value of having him as a friend.

We had several out of town visitors at the picnic. Felix W1EHI, and his XYL were visiting from Connecticut, Hazen K4ZLK and his XYL were visiting from the Platinum Coast Amateur Radio Society in Melbourne.

Pictures were taken and we certainly hope they come out good.

73, Dennis



# HAMBAR

This column is FREE to any licensed Radio Amateur who is a subscriber to Florida Skip. Limit 3 per year. Additional \$1.00 each. Non-subscribers and non-amateurs \$1.00 each up to 10 lines. All listings are cancelled each month. If your listing is not moved, it will be necessary to relist the following month.

To Licensed Amateurs: Buy, Swap, Sell (non-commercial)—Free.

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An Advertising inch is measured 7/8" vertically on one column, i.e., 4 columns—40 column inches to a page. Rate card by column inch supplied upon request. FLORIDA SKIP, Advertising Department, P.O. Box 501, Miami Springs, Fla.

FOR SALE: Homebrew 2" monitor scope, professional looking 10-80 mtrs \$10.00; 2 ea. 6600 VCT @ 350 ma transformer, 110VAC pri, approx 6-1/2 x 6-1/2 x 7" with Hypersill core, \$25.00 each. WANTED: Waters or Miller GDO in good condx. Bernie Heinle W4RQP, 14870 Harding Dr., Leisure City, Florida, Tel. 247-6738.

FOR SALE: Hammarlund HQ-170 in good condition with spkr \$175.00. Abbott Kagan WA4HDD, Box 1908, Ft. Myers, Fla. 33902, Tel. ED 5-7281.

SWAP: Heath HA-10 Warrior linear in excellent condx for 2B, SX101, NC-300, etc. Robby Terry WA4BYV, 517 38th St., W., Bradenton, Fla. 33505.

FOR SALE: National NCL 2000, Collins 75S3, Heath HX 30 and HA 20, #19 teletype, CE 20A, Heath 6B, many other items, selling entire station. Don McKenzie, 6420 - 5th Ave., N., St. Petersburg, Fla.

FOR SALE: Triband beam HyGain TH4 with 100 ft coax, excellent ex., presently in use, see for self, \$60.00; Heath RF power mtr \$10.00; Dow DK 2-60B relay with external contacts, brand new \$17.00; EICO Grid dip meter, complete with all coils, \$25.00; pr 872A tubes \$2.00 ea. Saul Cohen K4ACJ, 4524 Michigan Ave., Miami Beach, Fla. 33140, Tel. 531-9782.

FOR SALE: Drake 2-B, HT-37, Drake HI-patch, mike and stand, 14AVS vertical, can demonstrate on air, any band, any mode. \$325.00. Jim Matkinson W4FNE, 2237 Blossom Terr., Orlando, Florida, Tel 855-9629.

FOR SALE: Lafayette Starlite 90 watt transmt; Heath HG-10 VFO, Dow-key relay, mike and stand. All for \$70.00. Brian Gaffney WA4VZW 14740 N.E. 5th Ave., Miami, Florida, Tel 945-7119.

FOR SALE: KWS-1, clean \$500.00; 75A4 with 3 filters \$350.00 with spkr. David A. Hall W4TOD, 1309 W. Yale Ave., Orlando, Fla. 32804, Tel. GA 4-7345.

FOR SALE: KWS-1, mint condx, all factory made cables, TR switch, manual with all mods noted and signed, \$500.00. Jim Edris WA4TBM, 20520 Jacavanda Rd., Miami, Florida 33157, Tel CE 5-8896.

FOR SALE: Viking Adventurer, 50 W 80-10 mtr CW xmtr with Heath VFO, mint condx, only \$40.00; Heath 0-12 scope, excellent, \$25.00; LAF-3 VHF signal generator 80-600 MHz AM, CW, Pulse, AC operated \$30.00; RME all-band preselector \$10.00. Will trade entire lot for clean Ranger or Heath Panadaptor. M. B. Goldblatt W4EMB, 11801 SW 70 Ave., Miami, Fla., Tel 666-6997 after 7 PM.

FOR SALE: SR 150, AC 150/120 and DC 150/12 pwr supps, 10-D mide and grip stand, Hustler antenna and 20/40/80 mtr resonators, mobile mount rack MR 150 and PTT mobile mike and spkr, complete rig ready to go \$350.00. Ken Cannon K4RNF, 526-38th St., West Palm Beach, Florida.

FOR SALE: Collins 75A2 rcvr in perfect; 2 ea coax relays; grid dip meter, AR 22 CDR rotator perfect; EICO scope, make offer. Fred Steinberg W4YSY, 5611 N.W. 3rd St., Miami, Florida, PH MO 7-3295.

SHARP OPERATORS find a fullhouse on QFN daily at 2330Z and 0300 Z 3651 kc.

FOR SALE: 1000 watt AM phone xmtr, PP 813 final, custom built to mil specs, fully metered and overload protected, relay rack construction, complete schematics and design data available. David B. Garrett, K4AZR 2563 Trapp Ave., Coconut Grove, Fla. 33133, Tel 448-3844.

FOR SALE: Galaxy rejector with AC supply like new \$24.00. Waters compreamp \$18.00; Heath xtal calib \$10.; Bud variable low pass filter \$8.00; Turner 355-C mobile mike \$5.00; Astatic 511 mike \$5.00. Ed Wheeler K4ADD 2260 N.W. No. River Dr., Miami, Florida 33142, Tel 663-8374.

FOR SALE: Webcor tape recorder \$25.00; Heath signal generator \$5.00; Harmony amplifier \$10.00; HO-10 scope \$35.00; SX-100 receiver \$110.; 200,000 Tesla coil, \$10.00. Ray Suchy WA4UGC, 14790 N.E. 9th Ct., North Miami, Fla., Tel 947-9760.

FCC LICENSE COURSES: Amateur General, Amateur Extra, Commercial - Sept. 7, 1966, Southwest Miami High School Adult Education Center, Phone 274-0185. If you are not interested, tell your friends about it.

FOR SALE: ART-13 with dynamotor, operational but missing covers, otherwise complete \$30.00. Ray Seley W4JCD, 2501 SW 79th Ct., Miami, Florida.

WANTED--Your Teletype Model 28 typing units, other components and parts. Trade cash, test equipment, or electronics periodicals. Fred G. Schmidt, W4NYF, 405 NW 30 Ter., Ft. Lauderdale, Fla. 33-311, Tel LU 3-1340 evenings after 9.

FOR SALE: Heath DX 35 transmitter VF-1 VFO and ext plate modulator all for \$40.00; 160 mtr command xmtr \$10.00. Earl Dennis K4TMM, 12410 N.W. 19th Ave., Miami, Fla., Tel MU 5-1772.

FOR SALE: Hallicrafters HT-40 AM/CW 75 watt xmtr \$50.00; Lafayette HE 30 rcvr \$65.00; NC 125 rcvr and matching spkr \$65.00; S-120 receiver \$50.00; S-38 receiver plays on two bands as is \$10.00; misc. items. Larry Mallinson WA4DMQ, 1009 N. 13th Ct., Hollywood, Fla. Phone WA 3-2611.

FOR SALE: ART-13, 2-20 mHz continuous 500 watts AM, CW, MCW, with calibrator and KW plate transformer, unmodified, make offer. 12-inch speaker in fiberglass-packed, formica covered case, \$10.00; Partially converted BC-453 based 20 mtr SSB rcvr \$10.00; make offer on any of above. Dick Blasco WA4DHU, 6270 N.W. 38th Terrace, Miami Springs, Fla. 33166, Tel. 887-1166.

IN STOCK, NEW BOXED DRAKE R-4A RECEIVERS, \$399.95. DRAKE TR-4 TRANSCEIVERS \$585.00. AC-3 POWER SUPPLY \$79.95. HAM-M ROTORS \$119.50. TR-44 ROTOR \$64.95. HY-GAIN 18AVQ VERTICALS \$49.95. HY-GAIN 2 METER 8 ELEMENT BEAMS \$16.50. WRITE OR PHONE (813) 722-1843. BILL SLEP, W4PHY, SLEP ELECTRONICS CO., HIGHWAY 301, ELLENTON, FLORIDA 33532.

FOR SALE: Hammarlund HQ-170 new \$195.00. HQ-170 speaker \$15.00 both \$200.00. Mrs. R. C. Mitchell, 314 Somerset Ave., Sarasota, Fla. 33580 XYL of the late WN4CRM.

FOR SALE: Collins 75S2 (28 bands) with 18 extra crystals in perfect condition \$350.00. Heathkit Seneca 6&2 transmitter in perfect condition \$100.00. Rohn 40 ft hot dipped galvanized climbable self-supporting tower - perfect \$50.00. Hy-Gain TH-4-190 Thunderbird 4 el 3 band beam, perfect \$50.00. RME preselector 80-10M good condition \$10.00. Elco Model 147 signal tracer \$15.00. Also 6 and 2 meter converters and other items. Bill Wilkins K4FIS, 6301 N.W. 140th Terr. Miami Lakes, Fla. 33012. Phone 821-4663.

FOR SALE: Black Bud cabinet 37 inches high, top and back doors, clean \$16.00. Deluxe gray Bud cabinet, 70 inches high with back door. Has heavy duty base with wheels, looks like new \$35.00. No shipping above. DM-35 dynamotor 12 v.d.c. input, 625 v.d.c. at 225 ma. output with starting relays and cables, \$5. W.E. dynamotor mounted, filters, etc. 14 vdc input, 425 vdc out at 163 ma. \$3.00 EICO dynamotor 12 vdc in 440 at 200 ma. output. Other junk. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, Fla. 33166, Phone 888-3874.

NOTICE: A new traffic net called South Atlantic Traffic Net meets Mon-Fri. at 0330Z on 3950kHz. The area covered is Fla. Ga. Va. N.C., S.C., Ala. and Tenn. Net mgr is WA4RQR Asst. K4EYV.

The easiest way to get into trouble is to be right at the wrong time.

FOR SALE: Seneca VHF-1 6&2 meter xmtr, perfect like new condx, first money order for \$125.00 takes it, you pay the express for shipping. Walt Wentworth W4PWB, 5557 57th Avenue No., St. Petersburg, Fla. 33709.

FOR SALE: 400W PEP U/L/DSB W/WO carrier. 200W high level AM/CW, built in VFO, can be xtal controlled 75W for novice, 10 thru 160 meters, 3 mtrs monitor 6 circuits, mint cx, no lightweight, \$225 firm; also SX 101/3 \$150.00 firm, both \$350.00. Hvy duty galv crankup tower, unused \$50.00. Jim Dillman K4USK, 356 41st Ave., N. St. Petersburg, Fla.

# FCC License

The highly successful commercial phone license course will be given again this year starting September 7th at Southwest Miami High School. Several amateurs have passed the extra class exam as well as 2nd and 1st class commercial phone. All attributed their success to the help gained through the course because it provided a regular, programmed study series.

The 'upgraded' 2nd class phone license examination stresses clear thinking. The applicant may know all the facts about electronics, but if he can not understand clearly what is asked for in the question, the facts will be of little use. It is this ability to analyze a question and avoid distracting words that is emphasized in the license course. Many multi-choice answer tests are given and the questions analyzed to prepare the student for a typical FCC examination.

If you would like specific information about the course, call Al Wilcox W4ELR, at 661-2804. He is the instructor and will be glad to talk to you about it at any time.

Everyone should keep a mental waste basket for disposing of what's not worth remembering.

FOR SALE: Howard Sams Photofacts, from #150 to 821, latest issue, complete with filing cabinets, make offer. C. L. Armstrong K4CYN, P.O. Box 893, Vero Beach, Florida.

FOR SALE: Hammarlund HX-500, 100W SSB, CW, DSB, NFM, FSK, RTTY keying from keyboard, excellent \$250.00; Drake 2B with xtal cal. \$185.00; Johnson Ranger \$105.00; Heath Monitor scope HO-10 \$50.00; EICO VTVM Model 249 \$30.00; Lafayette HE-45B 6 mtr xcvt, HE 61A VFO and Shure C9G PTT mike, \$85. W.F. Franklin W4KC, 4201 Maple St., N.E. St. Petersburg, Florida 33703, Phone 898-4669.

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## Let George Do It!

By Hank Roth, K4EVY, EC  
Broward Co.

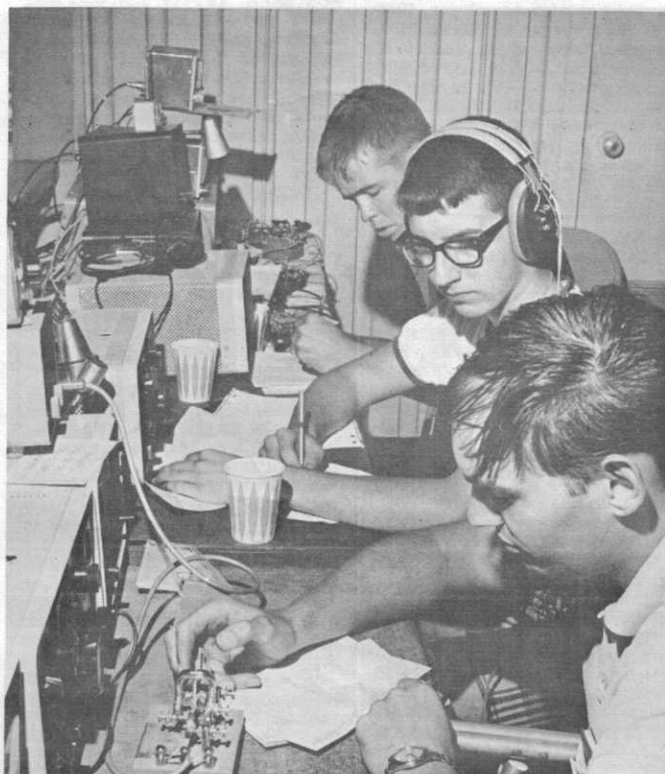
As a past member of several AREC units in different parts of the country and active in the National Traffic System since 1955, I am familiar with some of the problems we face. And the most malignant anomaly as I see it is the "let George do it" type attitude which is evident among our ranks.

I am sure it is obvious to you that Amateur Radio is classed as a hobby. It should also be obvious to you that amateur radio is said to be the only hobby that is basically governed by International Regulations. The very fact that it is governed by International Regulations, however, makes it a radio service, defined as "a service of self-training, intercommunication and technical investigations carried on by amateurs."

In the United States, this Amateur Radio Service is administered, along with all the other radio services, by the Federal Communications Commission, under the authority and mandate of the Communications Act of 1934, as amended. It is this mandate to the commission which should be of particular interest to us as amateurs --- our licenses, our frequencies, and the rules under which you and I are permitted to operate our amateur radio stations are all subject to a determination by the commission that public interest, convenience or necessity will be served thereby.

It might be well to mention that many persons seem to confuse their own personal interests or convenience with that of the public at large.

A timely quote from Herbert Hoover's address before the 10th annual banquet of the QCWA. "The entire basis upon which our government has been able to permit and encourage amateurs to use valuable pieces of the radio spectrum is that their operation is in accordance with the public interest, convenience and necessity. I am confident a substantial majority of the 250,000 licensed amateurs in the United States thoroughly understand this. And they take the responsibility seriously. There are some, of course as in almost any segment of society, who will go



The CW position of the North Florida Amateur Radio Society, WA4QCN, operating field day high atop the Gator Bowl in Jacksonville. Needless to say the air conditioned Press Box was real cool. They racked up 1400 contacts using c.w. and SSB. Operators top to bottom: Billy Williams WA4UFW, Skip Tamaro WA4VHA, and Ralph Grosse WA4IVU.

(Photo via WA4CCG, Editor The Fla. Times-Union)



Last month SKIP carried a special Amateur TV article by Monty K4VFV of Orlando. Next month we will do the same. Here is a photo by Jim K4PAO taken off his tv screen of Dave Hall, W4TOD. A good snow free picture over a distance of 4 miles. Can any one top this?

along just for the ride. They regard an amateur radiolicense as they would a driver's permit and expect to go any place, at any time their fancy dictates. It never occurs to them this particular highway could be taken

away and given to somebody else some day, if it could be put to a better use." End of quote.

Let us hope those who regard amateur radio solely as a source of self-amusement are in the minority.

## QFN News

By Bob Blumberg WA4OHO

**ATTENTION ALL FLORIDA AMATEURS:** For those of you who have been tempted to try cw traffic handling, here's your big opportunity. Beginning in September there will be a slow speed (10-15 wpm) QFN training net meeting on Monday, Wednesday, and Friday at 1930 EST on 3651. Any suggestions would be appreciated by W4-LUV who will be NCS.

QFN was put to an early test by the recent hurricane but relatively little traffic was handled. Stations with routine traffic should keep in mind that QFN often has time to handle these messages while other nets are many times too busy during an emergency.

The value of good antennas and emergency power was also accentuated by the recent hurricane. It is becoming more and more apparent that a good cw station must have break-in. Much time is wasted when operators are unable to interrupt each other or when the double with each other because of the lack of break-in.

W4LUV reports that the net assignment list is gradually being filled but there are still many opportunities available.

QFN is happy to welcome back WA4JYB who is home from school. We hope that many more of you will be there for QFN, 6:30 and 10:00 pm EST daily on 3651 kc.

## ST. PETE PRIZES

**ATTENTION:**

All amateurs attending the St. Petersburg Amateur Radio Club Hamfest May 15 at Phillippi Park, the following numbers were winning numbers for prizes:

- 18614 -- Hand Key
- 18708 -- Heath Kit 2-meter kit
- 18721 -- 1 gal. Shell Motor Oil
- 18734 -- Wire stripper
- 18752 -- Florida Ham Directory
- 18858 -- VHF Handbook
- 19009 -- Florida Ham Directory
- 19010 -- 1 gal. Shell Motor Oil

If you have one of these numbers please contact WA4MHR-Bert Daisey, 280 - 39th Avenue NE, St. Petersburg, Florida, and pick up your prize. If number is not called for 30 days after publication the prizes will no longer be available.